

09/701066

Patent

Attny Dkt. No. 584.07-US1

534 Rec'd PCT/PTC 22 NOV 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231

Inventor: **Jennissen, H. P., et al.**

Serial No: **Not yet assigned**

Filed: **Herewith**

For: **Flow-Through Shear Analyser
For Biologically Active
Molecules in Liquid Layers on
Surfaces**

Examiner: **Not yet determined**

Art Unit: **Not yet determined**

B/A
C.7
1/29/01

PRELIMINARY AMENDMENT

The Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Please enter the following:

IN THE CLAIMS

Cancel claims 1-~~32~~³¹

~~32~~ 33. (Added) A flow-through shear analyser, comprising:

a sample chamber having a measuring surface and a plurality of walls, wherein at least one of the plurality of walls is radiation permeable;

a supply line fluidly coupled to the sample chamber and supplying a chamber solution to the sample chamber;

a means for generating extremely thin liquid layers, wherein the means is fluidly coupled to the supply line;

wherein the means subdivides a volume flow in the supply line by introducing a volume of a fluid that is immiscible with the chamber solution, thereby rendering an adsorption rate of a signal-generating molecule to the measuring

R/R 1.26
A 2